

- ①
- $\Pi_{\text{name-func}} (\sigma_{\text{name-emp}} = 'VALG')$ (trabell)
 - $\Pi_{\text{name-func}, \text{link}} (\sigma_{\text{name-emp}} = 'VALG')$ (funcionario Δ trabell)
 - $\Pi_{\text{name-func}, \text{link}} (\sigma_{\text{name-emp}} = 'VALG' \wedge \text{salario} > 7000)$ (funcionario Δ trabell)
 - $\Pi_{\text{name-func}} (\text{empresa} \Delta \text{funcionario} \Delta \text{trabell})$
 - $\Pi_{\text{name-func}} (\sigma ((\text{funcionario} \Delta \text{guitar}) \Delta \text{Pfg}))$ (funcionario)

$\begin{cases} \text{funcionario.name} \\ \text{= fg.name} \wedge \\ \text{funcionario.club} \\ \text{= fg.club} \end{cases}$
 - $\Pi_{\text{name-func}} (\sigma_{\text{name-emp}} = 'VALG')$ (trabell)
 - $\Pi_{\text{name-func}} (\text{trabell}) - \Pi_{\text{name-func}} (\sigma_{\text{name-emp}} = 'VALG')$ (trabell)
 - $\Pi_{\text{name-func}} (\text{trabell}) - \Pi_{\text{trabell.name-func}} (\text{trabell} \Delta \sigma_{\text{trabell.name-func}} = 'VALG')$ (trabell)

$\begin{cases} \text{trabell.name-func} \\ \leq +VALG \cdot \text{salario} \end{cases}$
 - $\text{empresa} \div \Pi_{\text{circle}} (\sigma_{\text{name-emp}} = 'Xpto')$ (trabell)
 - $\exists_{\text{name-emp}} \Box \text{Count}(\text{name-func}) \text{ at } \text{name-func} \text{ row}, \text{ AVG}(\text{salario}) \text{ at } \text{name-func} \text{ row}$
- ②
- $\text{funcionario} \leftarrow \Pi_{\text{name-func}, \text{name}, \text{"link"}}$
 $(\sigma_{\text{name-func}} = 'MARIA') \cup (\text{funcionario} - \sigma_{\text{name-func}} = 'MARIA')$ (funcionario)
 - $\text{trabell} \leftarrow \Pi_{\text{name-func}, \text{name-emp}, \text{salario} \neq 1,10}$
 $(\sigma_{\text{name-emp}} = 'VALG') \cup (\text{trabell} - \sigma_{\text{name-emp}} = 'VALG')$
 - $\text{trabell} \leftarrow \text{trabell} - \sigma_{\text{name-emp}} = 'VALG'$ (trabell)
 - $\text{+guitar} \leftarrow \Pi_{\text{trabell.name-func}, \text{name-emp} \mid \text{salario} \neq 1,10}$
 $(\text{trabell} \Delta_{\text{trabell.name-func} = \text{name-emp}} \text{guitar})$
 - $\text{+guitar}^3 \leftarrow \Pi_{\text{name-func}, \text{name-emp}, \text{salario} \neq 1,10}$
 $(\sigma_{\text{salario} \neq 1,10} > 5000)$ (Tguitar)
 - $\text{Tguitar10} \leftarrow \Pi_{\text{name-func}, \text{name-emp}, \text{salario} \neq 1,10}$
 $(\sigma_{\text{salario} \neq 1,10} \leq 5000)$ (Tguitar)
 - $\text{trabell} \leftarrow \text{+guitar}^3 \cup \text{Tguitar10} \cup (\text{trabell} - \text{+guitar})$